**KAMARAJ**
**COLLEGE OF ENGINEERING & TECHNOLOGY**

**(An Autonomous Institution** - AFFILIATED TO ANNA UNIVERSITY, CHENNAI**)**
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C.Nagar, K.Vellakulam - 625 701, (Near Virudhunagar), Madurai District.

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
### Minutes of Meeting —BoS–7th May, 2021

### MINUTES OF THE 2nd ONLINE MEETING

**BOARD OF STUDIES OF U.GProgram :**B.E (Computer Science and Engineering)

**DATE:** 7thMay, 2021, Friday                **Time:** 11.15 AM – 1.00 PM

**PLATFORM:**Microsoft Teams

**Meeting Recording  link :**

https://kcetvnrorg-
my.sharepoint.com/:v:/g/personal/ramyacse_kamarajengg_edu_in1/ER8i19-
S1tZDnK1LJy5TJ2MBMvKEmF1dSPLwdD54qjHFmw?e=1EeuSc

### IN ATTENDANCE:

| S.No | Name of the Expert | Designation | Capacity |
|---|---|---|---|
| 1. | Dr.R.B.V.Subramaanyan, Professor and Head, Department of Computer Science and Engineering | National Institute of Technology, Warangal E-mail ID: rbvs66@nitw.ac.in Phone No: 9491346969 | Academic Council nominated Expert Members |
| 2. | Dr.SabuM.Thampi Professor | Indian Institute of Information Technology Management-Kerala, Trivandrum E-mail ID: sa-bu.thampi@iiitmk.ac.in Phone No: 9447103005 | |

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| 3 | Mr.G.S.Raman, Director, Training Division | Sri Moogambikai Infotech Solutions, Madurai raman.g@mookambikainfo.com ramansriranga@gmail.com Phone No: 8870324388 | Industrialist |
| 4 | Dr.R.Venkatesan, Assistant professor, CSE | Karunya University, Coimbatore rlvenkei2000@karunya.edu Phone No: 98948 80563 | Alumni |

| FACULTY OF COMPUTER SCIENCE AND ENGINEERING | | MEMBERS |
|---|---|---|
| S.No | Name of the Faculty | Designation |
| 1 | Dr.A.Meenakshi | Associate Professor and Head |
| 2 | Dr.M.IndraDevi | Professor PG (M.E - CSE) Programme Co-ordinator |
| 3 | Dr.R.Muthuselvi | Professor |
| 4 | Dr.A.Anandh | Associate Professor / CSE UG (AI &DS) Programme Co-ordinator |
| 5 | Dr.R.Ramya | Assistant Professor / CSE UG (CSE) Programme Co-ordinator |
| 6 | Mr.L.Prabahar | Assistant Professor / CSE |
| 7 | Dr.V.SuthaJebakumari | Assistant Professor / CSE |
| 8 | Mr.G.Srinivasan | Assistant Professor / CSE |
| 9 | Mr.B.Muthukrishnavinayagam | Assistant Professor / CSE |

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| 10 | **Mrs.K.Muthulakshmi** | Assistant Professor / CSE |
|----|------------------------|---------------------------|
| 11 | **Mrs.P.Swathika** | Assistant Professor / CSE |
| 12 | **Ms.S.Janani** | Assistant Professor / CSE |
| 13 | **Mrs.T.Maharajothi** | Assistant Professor / CSE |
| 14 | **Ms.G.Nirmala** | Assistant Professor / CSE |
| 15 | **Mr.M.Rajasekaran** | Assistant Professor / General Engg |
| 16 | **Ms.G.Vijayalalitha** | Assistant Professor / CSE |
| 17 | **Dr.P.Praveen Kumar** | Assistant Professor / AI & DS |
| 18 | **Mrs.M.Kanimozhi** | Assistant Professor / AI & DS |
| 19 | **Ms.T.Rajashree** | Assistant Professor / AI & DS |

**THE MINUTES:**

The meeting is called for considering the Undergraduate (B.E - CSE) curriculum & syllabi.

**DISCUSSIONS:**

1. Dr.A.Meenakshi, welcomed the gathering and introduced the external members. She presented the Vision,Mission, of the Department and also presented the PEO and PSO of the program, B.E(CSE).

2. Dr.A.Meenakshi discussed about the Minutes of the first BoS, the action taken and the ratification carried out in the curriculum and syllabi.

3. Dr.A.Meenakshi discussed about the Proceedings of 1$^{st}$ Academic Council Meeting held on 17th July 2020 to the experts. The highlights of the discussion were as follows:

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|---|---|---|
| | **Recommendations from the Governing Body and Academic Council for Framing UG Curriculum(CSE)** | Credit range: 165 – 170<br>20 – 24 credit per Semester.<br>VIII Sem Project Work: 8 – 10 credits<br>Online Course (Maximum 6 credits)<br>Audit Course (Mandatory non credit)<br>First semester is common for all Programme<br>First year credit range : 40 – 42<br>Engineering Graphics to be in II Semester<br>Programme specific papers could be offered in II Sem.<br>AICTE & AU 2019 curriculum could be taken as base for framing curriculum.<br>III Sem Mathematics (Programme specific) Mandatory |

**B.E (CSE) curriculum discussion:**

4. Dr.A.Meenakshi presented the B.E(CSE) curriculum.

5. Dr.R.B.V.Subramaanyan inquired about the title "Listening and Speaking" , if it is correct. Dr.A.Meenakshi replied that it was approved in the Board of studies of the English Department.

6. Dr.Sabu.M.Thampi inquired whether there is any syllabus on "Technical Communication" and Dr.A.Meenakshi replied that it is in Semester VI as Professional Communication.

7. Dr.R.B.V.Subramaanyan and Dr.Sabu.M.Thampi suggested to change the title of the subject Software Engineering with UML diagrams as Software Engineering with UML Design.

8. Dr.R.B.V.Subramaanyan suggested to distribute the credit as 1.5 for (DBMS – 3hrs, Algorithms Lab – 3hrs) in Semester IV.  He also suggested to have DAA Lab separately instead of combining with Theory.

9. Dr.R.B.V.Subramaanyan asked whether Operating System is included in syllabus. Dr.A.Meenakshi replied that it is offered as System programming and Operating Systems in semester III.

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10. Dr.R.B.V.Subramaanyan and Dr.Sabu M.Thampi, suggested to interchange Design and Analysis of Algorithms from Semester IV to Semester V and Computer Networks with lab from Semester V to Semester IV.

11. Dr.Sabu M.Thampi, suggested to have Big Data analytics Lab. Dr.A.Meenakshi replied that it is given as Big Data Analytics- Tools and Techniques in professional elective course.

12. Dr.R.Venkatesan asked whether the different domains will be specified anywhere in the marksheet of the student. Dr.A.Meenakshi replied that such information will not be provided in the marksheet.

13. Dr.Sabu.M.Thampi suggested offering Industrial IoT as Open elective. Dr.A.Meenakshi acknowledged that it is offered by the other Department.

14. Dr.Sabu.M.Thampi suggested to have MongoDB in the Syllabus, Dr.A.Meenakshi replied that it is given as valued added course.

15. Dr.R.Ramya presented the detailed syllabus of B.E(CSE)

16. Dr.R.B.V.Subramaanyan suggested to change the Data Structures lab as Data Structures Laboratory using Python.

17. Dr.R.B.V.Subramaanyan suggested to change the title of Unit 3 title in the subject Design and Analysis of Algorithms (Semester IV) from Dynamic Programming and Greedy Techniques to Greedy Techniques and Dynamic programming.

18. Dr.SabuM.Thampi suggested to have some introduction topics about Grid and Cloud Computing in the subject Distributed Systems in Semester VI

19. Dr.R.B.V.Subramaanyan and Dr.SabuM.Thampi suggested to modify some of the topics in Artificial Intelligence syllabus. ( Semester IV)

20. Dr.Sabu.M.Thampi suggested to give some projects in Internet Programming Laboratory(Semester V)

21. Dr.Sabu.M.Thampi suggested to include sensor based experiments in IoT and Machine Learning Laboratory.(Semester VI)

22. Dr.SabuM.Thampi inquired, whether Network Security is having a lab course. (Se-

mester VII), Dr.A.Meenakshi acknowledged that a Security lab is there in the syllabus.

23. Dr.Sabu M.Thampi suggested to include Smart Multimedia topic in Multimedia systems (Elective – II, Semester V)

24. Dr.Sabu.M.Thampi suggested to include applications of NLP in Unit 5 of the subject Natural Language Processing(Elective – VI, Semester VII)

25. Dr.R.Venkatesan suggested to provide online courses offered by IBM Cognitive class to the students.He also suggested that Badges will be provided from IBM, which will be helpful for the students to link it in their LinkedIn profile. Also, he explained that three courses are offered by IBM Cognitive Class. a) Introduction to Data Analytics b) Introduction to Artificial Intelligence c) Python for Data Science and the students can learn it for free of cost.

26. Dr.A.Meenakshi, presented the faculty list in the three member committee which was constituted for online courses, value added courses and internship. She also presented the panel of experts for staff selection and for question paper scrutiny. She gave an overview about the end semester examination process and presented the performance of the students in end semester examination ( 2020 -2021 ODD).

27. The updated syllabus , for the program specific papers in second semester, CS1201 – Object oriented programming using python and CS1211- Object oriented programming using python Laboratory , was approved by the BOS members .

28. Finally the Board of Studies members approved the entire Curriculum and syllabi of B.E(CSE).

29. Dr.R.Ramya proposed the vote of thanks to all the external and internal members and the meeting adjourned.